

ABSTRACT OF THE DISCLOSURE

A polarized light reflecting element includes a plurality of stacked cholesteric liquid crystal layers. Each cholesteric liquid crystal layer is polymerized and has a helical liquid crystal molecule array and a helical axis that extends substantially in the normal direction. The in-plane mean value α of the respective helix angles of liquid crystal molecules is nearly $n\pi$ ($n = 1, 2, 3, \dots$). The cholesteric liquid crystal layers have their liquid crystal molecules continuously oriented on the interfaces between them, and form one smooth helical structure as a whole.

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